



17/B (NE)

Patent *hinda*

Attorney Docket No. 23523-0018

9/22/00

RECEIVED  
SEP - 7 2000

TECH CENTER 16002800

IN THE U.S. PATENT & TRADEMARK OFFICE

In re Patent Application of )  
Steven L. Stice et al. )  
Application No. 09/004,606 )  
Filed: January 8, 1998 )  
For: CLONING USING DONOR NUCLEI )  
FROM DIFFERENTIATED FETAL )  
AND ADULT CELLS )

Group Art Unit: 1632

Examiner: D. Crouch

REPLY AND AMENDMENTS PURSUANT TO 37 C.F.R. §1.111

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Official Action of March 1, 2000, kindly amend the above-identified Application as follows.

In the Claims

Please amend Claims 86 to 91 as follows:

*May to enter, do not do 10-12-00 B'*

~~86.~~ An improved method of cloning a non-human mammal by nuclear transfer comprising the introduction of a non-human mammalian donor cell or a non-human mammalian donor cell nucleus into a non-human mammalian enucleated oocyte of the same species as the donor cell or donor cell nucleus to form a nuclear transfer (NT) unit, implantation of the NT unit into the uterus of a surrogate mother of said species, and permitting the NT unit to develop into the cloned mammal, wherein the improvement comprises using as the donor cell or donor cell nucleus a